

INTELLIGENCE

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CLASSIFICATION

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SECURITY INFORMATION

CENTRAL INTELLIGENCE AGENCY

INFORMATION REPORT

REPORT

CD NO.

COUNTRY Hungary

DATE DISTR 12 March 1952

SUBJECT Substitute for Bauxite-red Linseed Oil Base

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1. The indispensable minium (red lead oxide, Pb_3O_4) for coating iron products has been replaced by a substitute, because of the great scarcity of linseed oil important in making bauxite paint for wooden box cars.
2. The oil-producing seeds grown in Hungary (sunflower, tobacco, hemp) must be activated prior to their use, that is, treated in high temperatures ($300^\circ C$), causing certain chemical changes, so that the oil, with regard to the techniques used in making lacquer, becomes a satisfactory base product. By this activation method the half-drying oils can be processed into a technical resin. The resin thus produced is dissolved on a 1-1 ratio in benzine, which solution is mixed with bauxite-red paint.
3. This paint composition, obtainable solely from Hungarian products, is suitable as a substitute for the bauxite-red linseed oil base.

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